

## **ABSTRACT**

### **Objectives:**

#### **Primary:**

To develop an Alternative and Augmentive Communication (AAC) assessment tool that is relevant to the Indian culture for children with cerebral palsy with difficulty in communication.

#### **Secondary:**

Face validation of the AAC assessment tool by experts.

### **Methodology:**

**Phase 1:** The development of an AAC assessment tool was initiated as part of the AAC services in the department of PM&R.

**Phase 2:** The AAC assessment tool was then sent to external reviewers for face validation, both from within India and the United Kingdom. Content validity index was calculated for each domain of the tool.

**Phase 3:** The Vellore AAC assessment tool and FRENCHAY screening tool was administered to typically developing children.

### **Results:**

**Phase 1:** Vellore AAC assessment tool was developed with pictures and symbols significant to the Indian population.

**Phase 2:** The domains of seating, auditory comprehension, expressive communication, picture and word-based communication were found to have excellent content validity index  $>0.78$ .

**Phase 3:** The Vellore AAC assessment tool was found to have pictures relevant pictures which typically developing children could identify, but a few words need to be revised.

**Conclusion:**

A culturally appropriate Vellore AAC Assessment tool was developed. A few of the components in its domains will need to be modified as per content validation.